

Converting Colors

$Yxy(73.9781, 0.4899, 0.3238)$

Have a look what the booklet for
Yxy(73.9781, 0.4899, 0.3238)
contains.

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Color

Yxy(46.9798, 0.4051, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AA2
RGB	255, 154, 162
RGB Percent	100%, 60%, 64%
CMY	0.0001, 0.3960, 0.3648
CMYK	0.00, 0.40, 0.36, 0.00
HSL	355°, 100%, 80%
HSV	355°, 40%, 100%
XYZ	59.3067, 46.9798, 40.1136
YIQ	185.1110, 57.6280, 23.9000

Conversions

Conversions Part 2

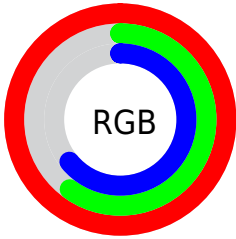
Format	Color
R _Y B	255, 154, 162
Decimal	16751266
CIE Lab	74.18, 38.57, 12.10
CIE LCh	74, 40.420, 17.422
Yxy	46.9798, 0.4051, 0.3209
Android (android.graphics.Color)	4294941346 (0xFFFF9AA2)
YUV	185.1110, -11.3937, 61.2927
Hunter-Lab	68.5418, 34.5013, 13.2802

Details

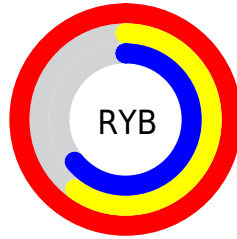
The Yxy color **46.9798, 0.4051, 0.3209** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.0887, 0.2615, 0.3378**, and the grayscale version is **48.6229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3629, 0.3418, 0.3220**, and **22.1908, 0.4314, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **38.6803, 0.4426, 0.3192**, and if you desaturate by 10%, it is **57.2273, 0.3739, 0.3230**.

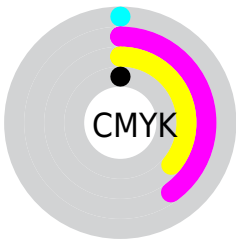
Distribution



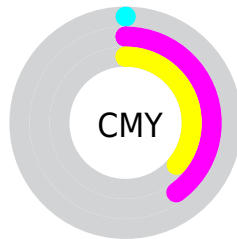
- Red (100%)
- Green (60%)
- Blue (64%)



- Red (100%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9798, 0.4051, 0.3209 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 46.9798, 0.4051, 0.3209 by changing the saturation by 10% instead.


 46.9798, 0.4051,
0.3209


 46.9798, 0.4051,
0.3209


374.7339, 0.3586,
0.3262

 33.0197, 0.4167,
0.3192


 85.6835, 0.3882,
0.3231

 22.1415, 0.4317,
0.3169


 111.1958, 0.3818,
0.3238

 13.9609, 0.4514,
0.3134


141.3277, 0.3764,
0.3244

 8.0935, 0.4788,
0.3079

176.4635, 0.3718,
0.3249

 4.1548, 0.5187,
0.2986

216.9876, 0.3678,
0.3253

 1.7605, 0.5816,
0.2808

263.2845, 0.3644,

 0.4624, 0.7649,

0.3257

0.2351

315.7384, 0.3613,
0.3259

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.9798, 0.4051,
0.3209

46.9798, 0.4051,
0.3209

38.6803, 0.4426,
0.3192

57.2273, 0.3739,
0.3230

32.1990, 0.4858,
0.3181

69.5280, 0.3486,
0.3251

27.4014, 0.5322,
0.3182

83.9878, 0.3284,
0.3271

24.1311, 0.5764,
0.3197

99.9939, 0.3127,
0.3290

■ 22.2029, 0.6117,
0.3228

■ 21.3309, 0.6331,
0.3264

■ 21.3047, 0.6337,
0.3265

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.9798, 0.3573, 0.2813



46.9798, 0.4051, 0.3209



46.9798, 0.4252, 0.3648

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.9798, 0.4051, 0.3209



46.9798, 0.3174, 0.4241



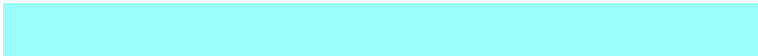
46.9798, 0.2200, 0.2479

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.9798, 0.4051, 0.3209



85.0887, 0.2615, 0.3378

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.9798, 0.2118, 0.2774



46.9798, 0.4051, 0.3209



46.9798, 0.2648, 0.3841

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.9798, 0.4051, 0.3209



46.9798, 0.3714, 0.4297



46.9798, 0.2272, 0.3270



46.9798, 0.2506, 0.2405

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.9798, 0.4051, 0.3209



46.9798, 0.4197, 0.3927



46.9798, 0.2272, 0.3270



46.9798, 0.2147, 0.2553

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.9821, 0.4051, 0.3209



80.3221, 0.3328, 0.3267



50.0319, 0.3103, 0.2290



16.7759, 0.3354, 0.3264



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.9821, 0.4051, 0.3209



39.8859, 0.4362, 0.3194



63.1066, 0.3950, 0.3730



18.0103, 0.3282, 0.3272



11.1435, 0.6318, 0.3254



1.0926, 0.6141, 0.3157

Inverse Universe

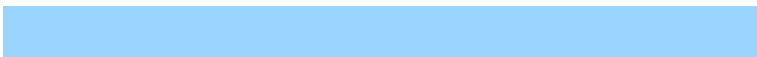
The Inverse Universe completely reimagines the original color for something new.



46.9821, 0.4051, 0.3209



39.8859, 0.4362, 0.3194



61.6336, 0.2503, 0.2797



18.0103, 0.3282, 0.3272



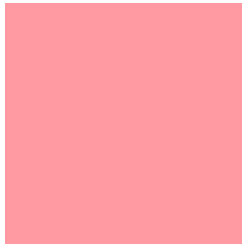
11.1435, 0.6318, 0.3254



1.0926, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 46.9798, 0.4051, 0.3209 looks on a white background.

Color Contrast Check

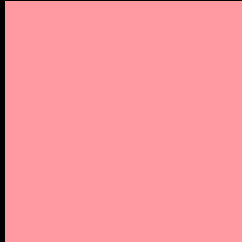
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.9798, 0.4051, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9798, 0.4051, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 46.9798, 0.4051, 0.3209.



This preview shows how white text looks on a background with the Yxy color 46.9798, 0.4051, 0.3209.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.9798, 0.4051, 0.3209

Protanopia

47.1950, 0.3210, 0.3355

Deuteranopia

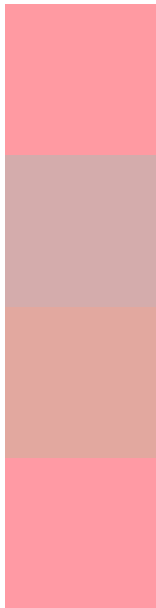
47.0746, 0.3582, 0.3514



Tritanopia

47.0878, 0.4020, 0.3177

Trichromacy



Original Color

46.9798, 0.4051, 0.3209

Protanomaly

46.4807, 0.3494, 0.3291

Deuteranomaly

46.6772, 0.3757, 0.3397

Tritanomaly

47.0515, 0.4030, 0.3187

Monochromacy



Original Color

46.9798, 0.4051, 0.3209

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.1481, 0.3427, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9798, 0.4051, 0.3209 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.9798, 0.4051, 0.3209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 154, 162) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 154, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9798, 0.4051, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
154, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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